

0 LOCATION OF TANKS IS 1. SITE LOCATION OF 1 SHOWN ON FIGURE 4.

30 FEET MACK TRUCKS, INC. ALLENTOWN, PENNSYLVANIA GRAPHIC SCALE

MOORE 36 FIGURE DAMES

HC-+A

APPROXIMATE LOCATION OF ALLENTOWN FORMATION AT A DEPTH OF 23 FEET

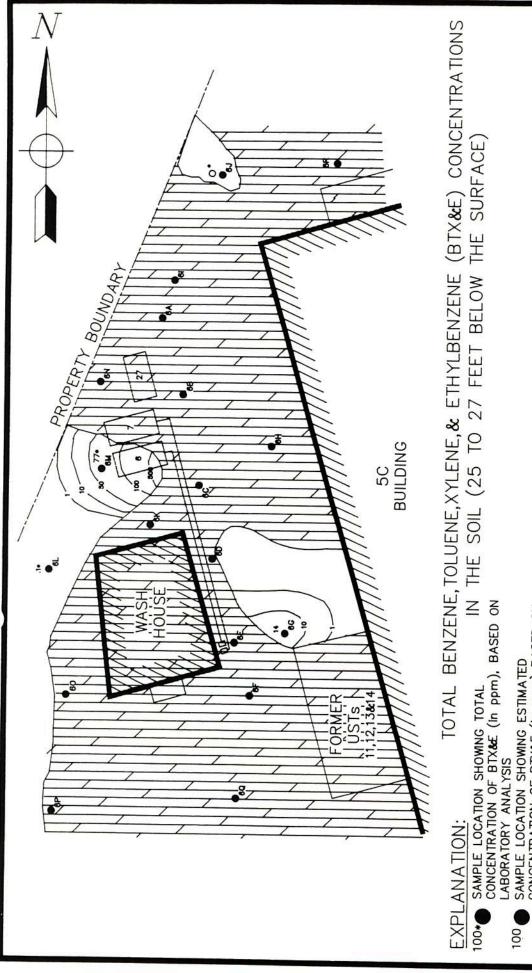
- FORMER UNDERGROUND STORAGE TANK LOCATION

CONTOUR LINE SHOWING A CONCENTRATION OF

DETECTION LEVEL

100 ppm

-100-



1. SITE LOCATION OF TANKS IS SHOWN ON FIGURE 4. NOTE: SAMPLE LOCATION SHOWING ESTIMATED CONCENTRATION OF BTX&E (In ppm) BASED ON FIELD PID READINGS AND EXTRAPOLATED FROM LABORATORY RESULTS ON NEARBY SAMPLES SAMPLE LOCATION SHOWING A TOTAL CONCENTRATION OF BTX&E BELOW MINIMUM DETECTION LEVEL

—100—CONTOUR LINE SHOWING A CONCENTRATION OF

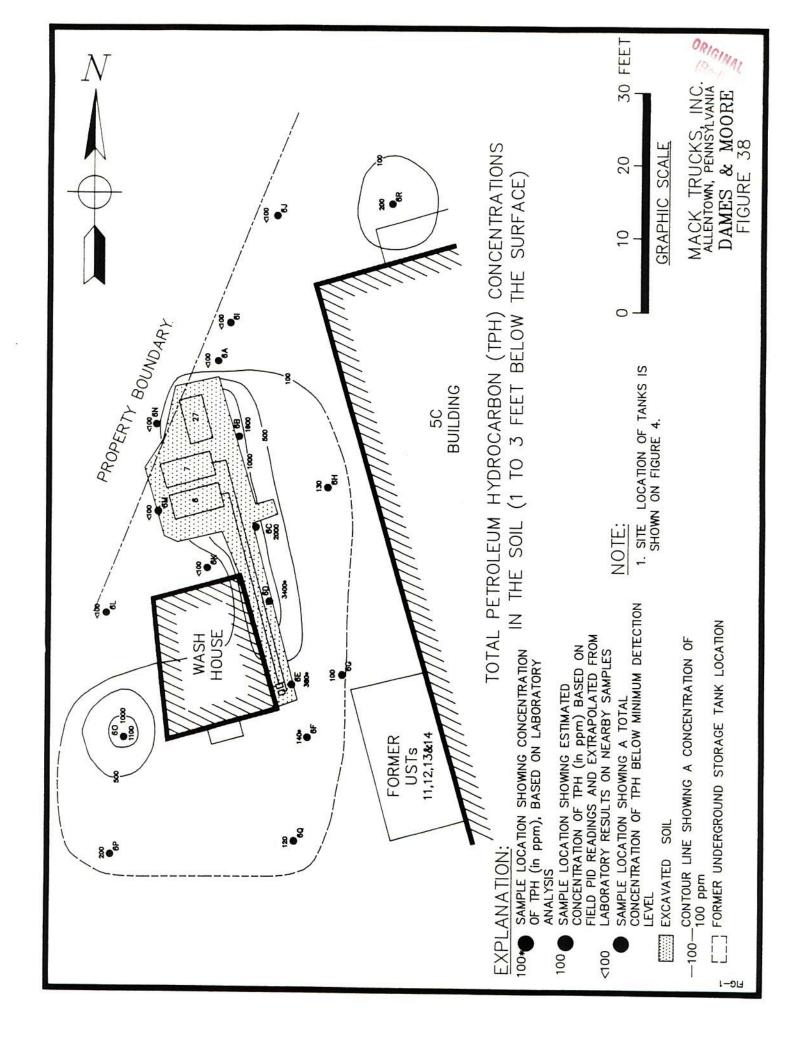
FORMER UNDERGROUND STORAGE TANK LOCATION

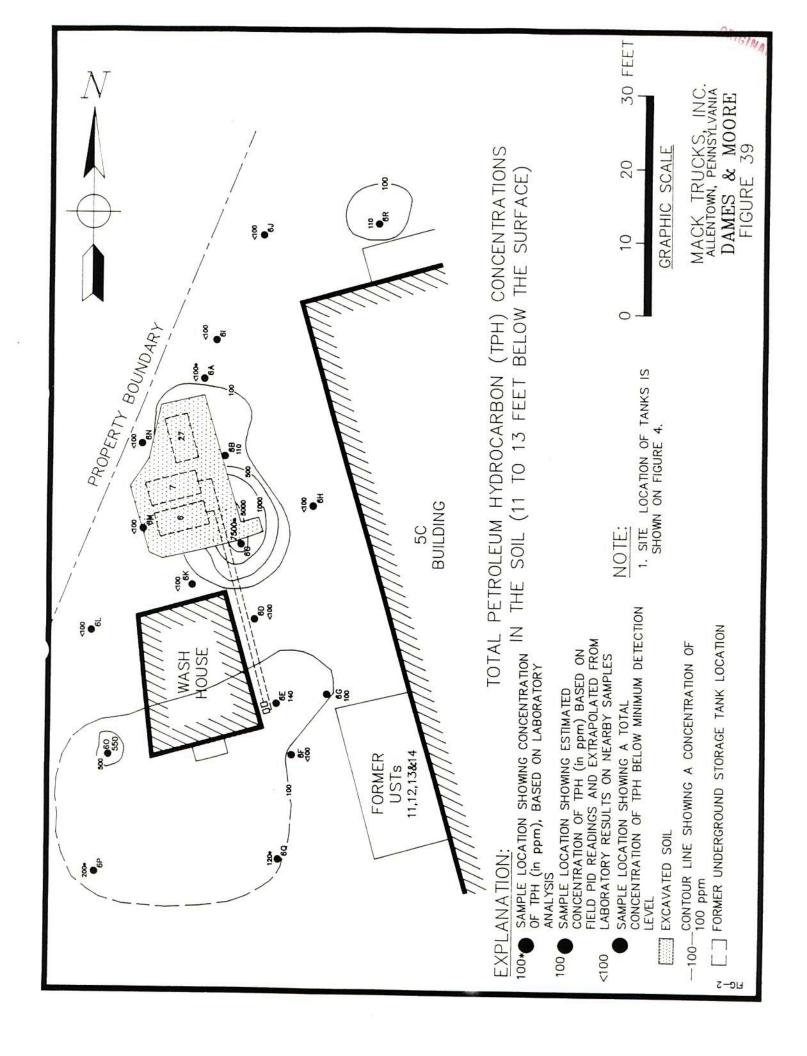
IIII APPROXIMATE LOCATION OF ALLENTOWN FORMATION

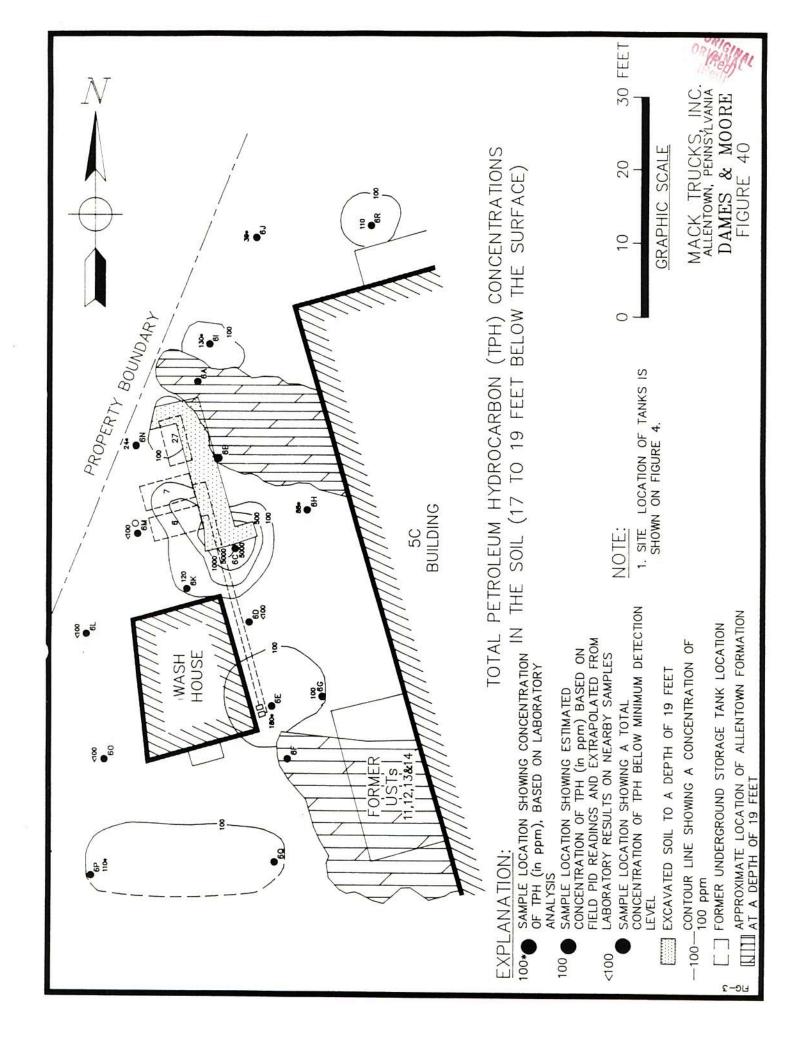
MACK TRUCKS, INC. ALLENTOWN, PENNSYLVANIA DAMES & MOORE FIGURE 37

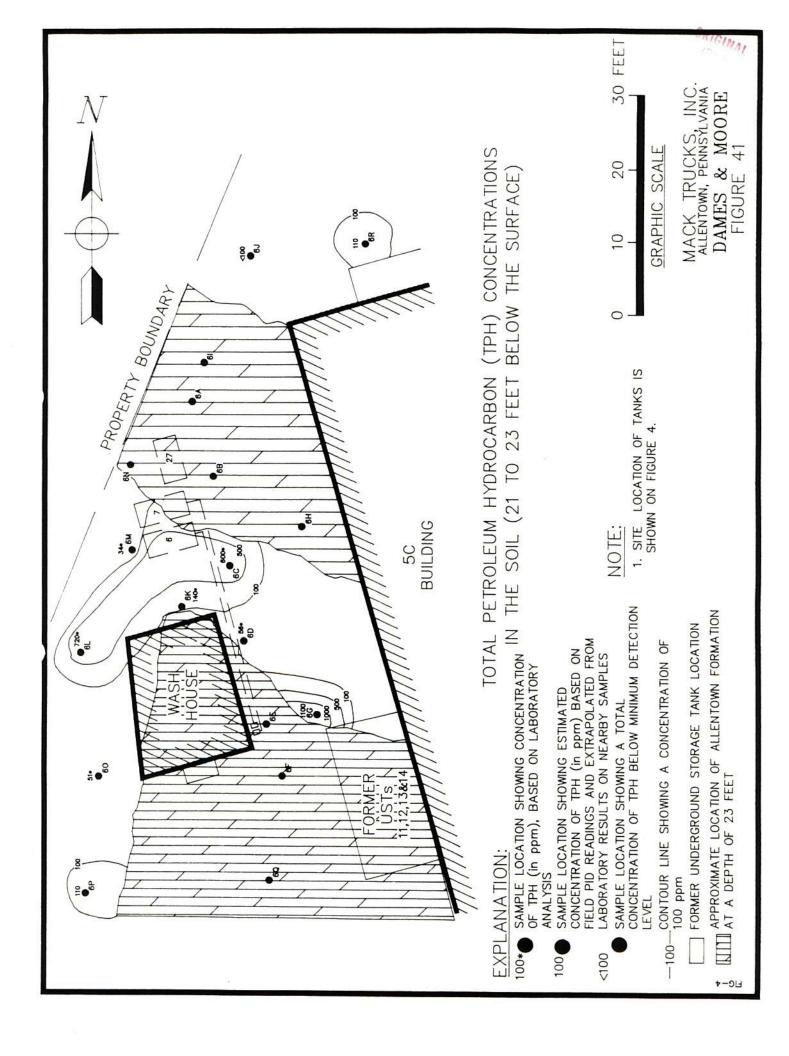
GRAPHIC SCALE

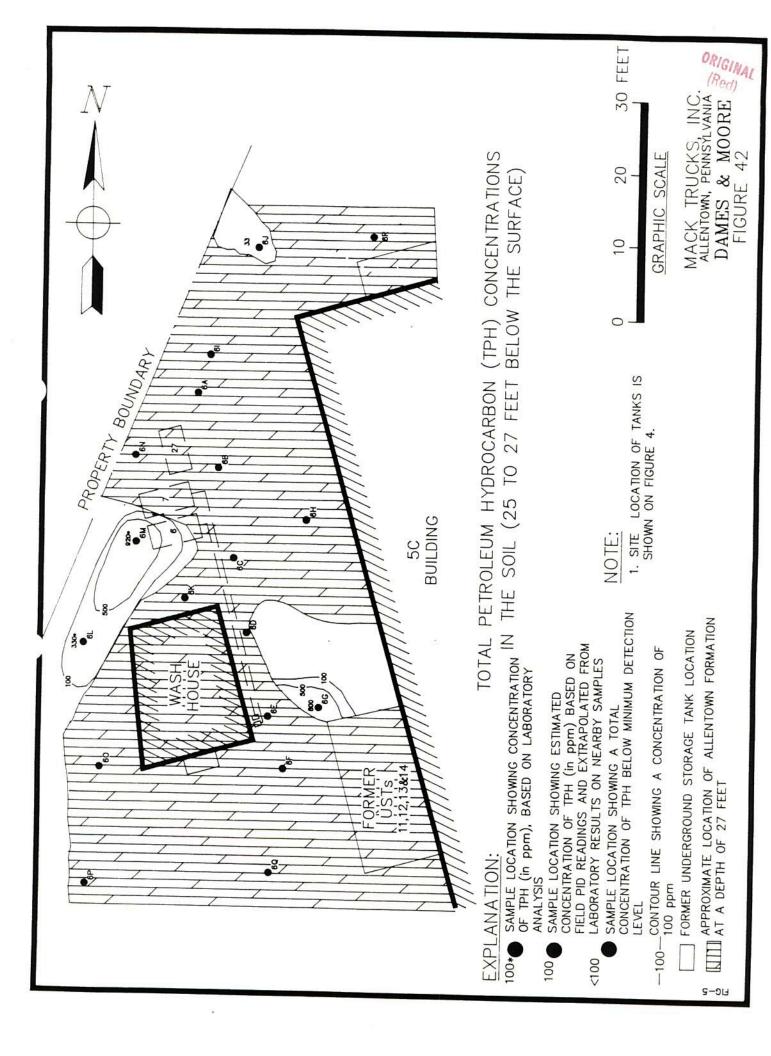
30 FEET

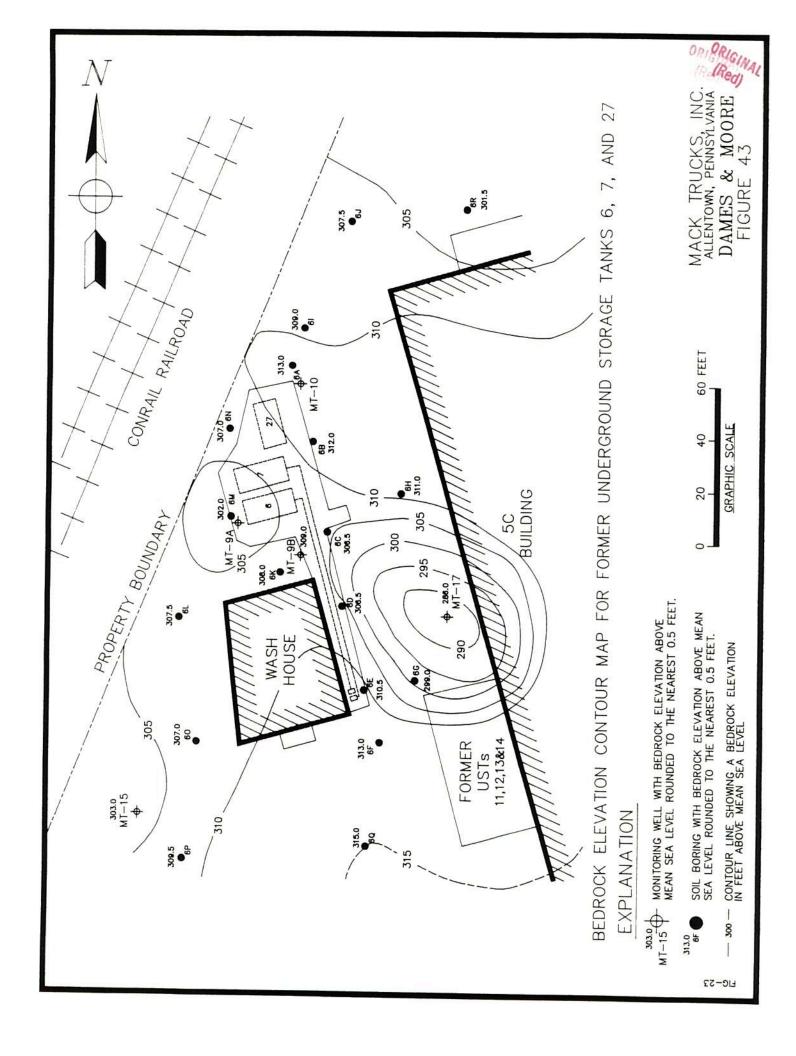


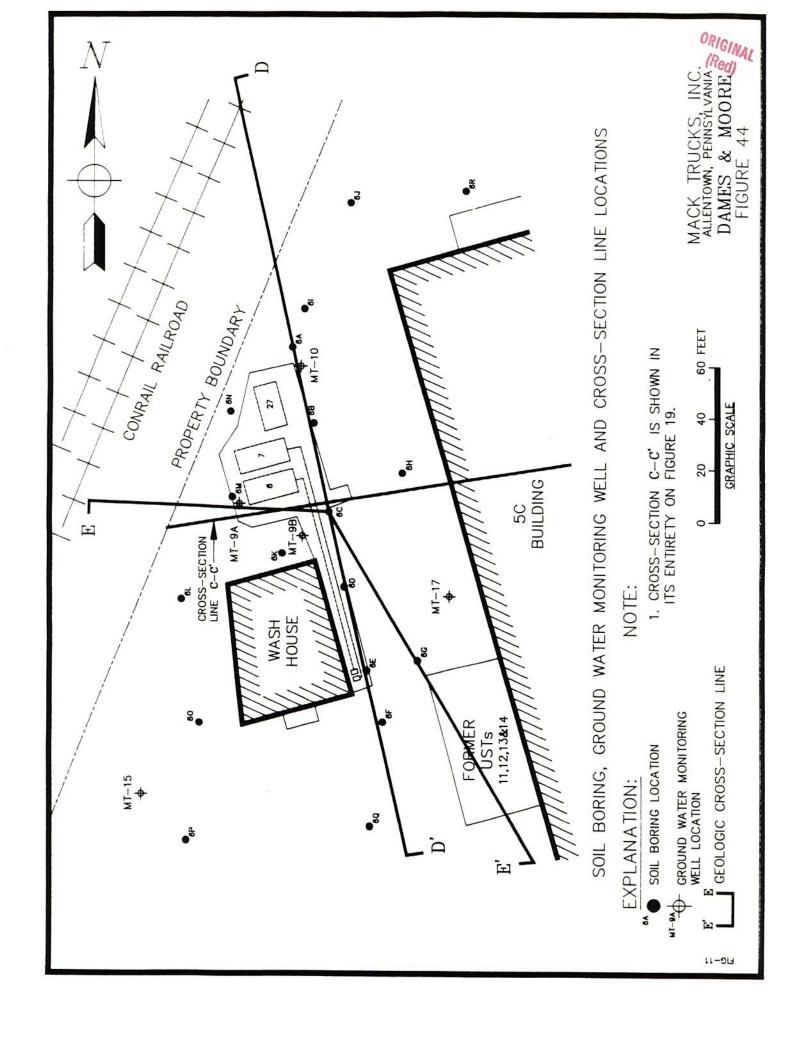


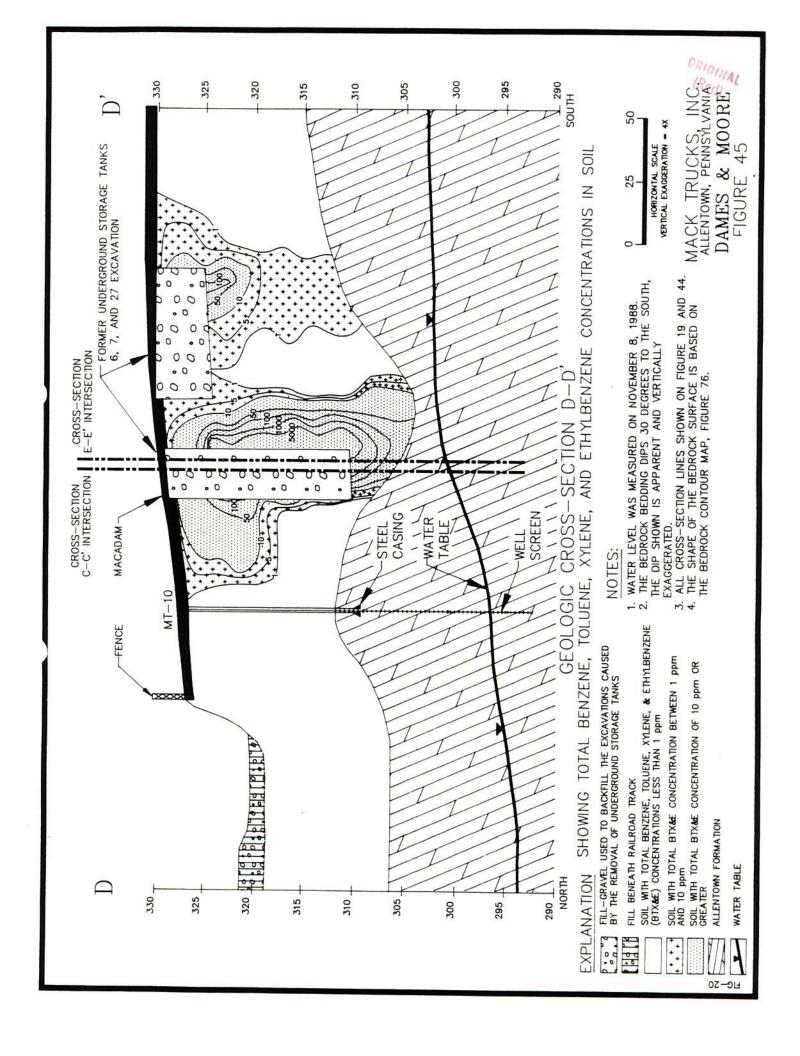


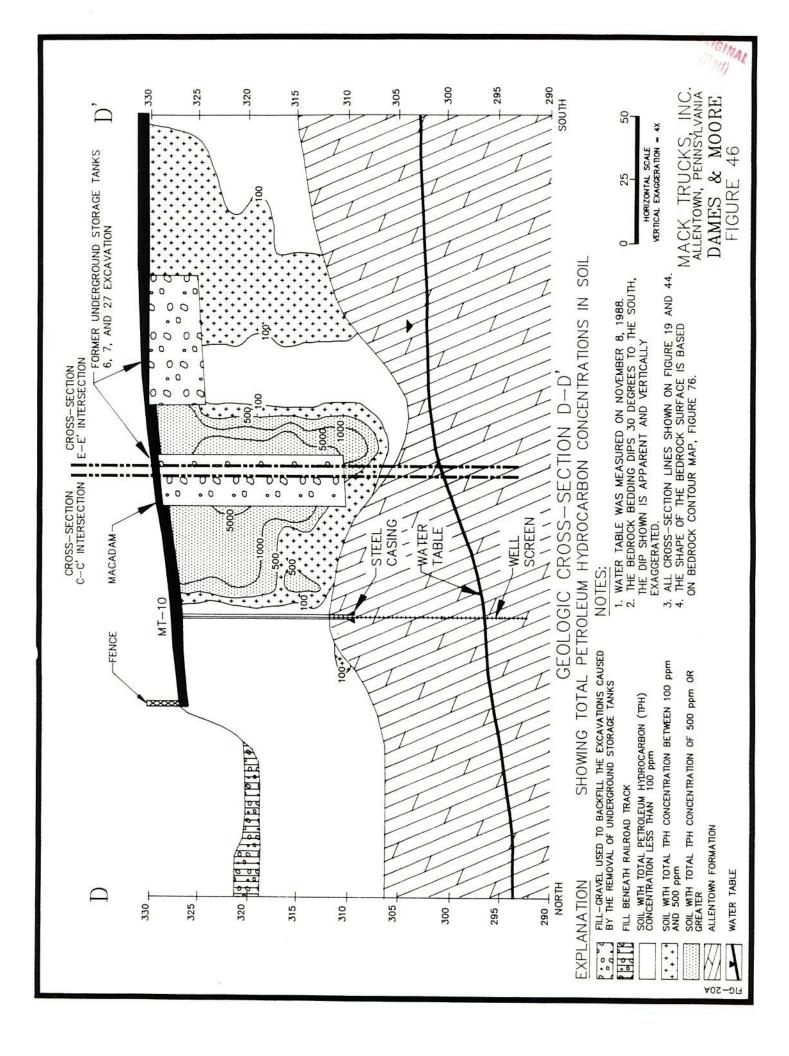


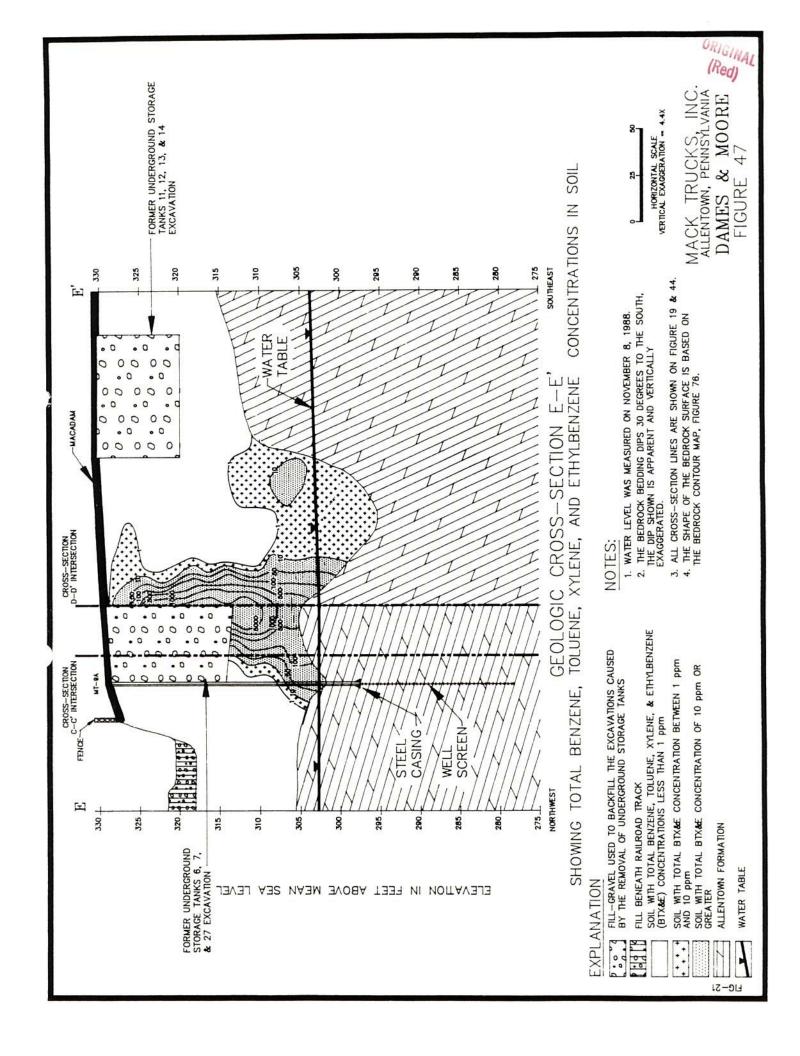


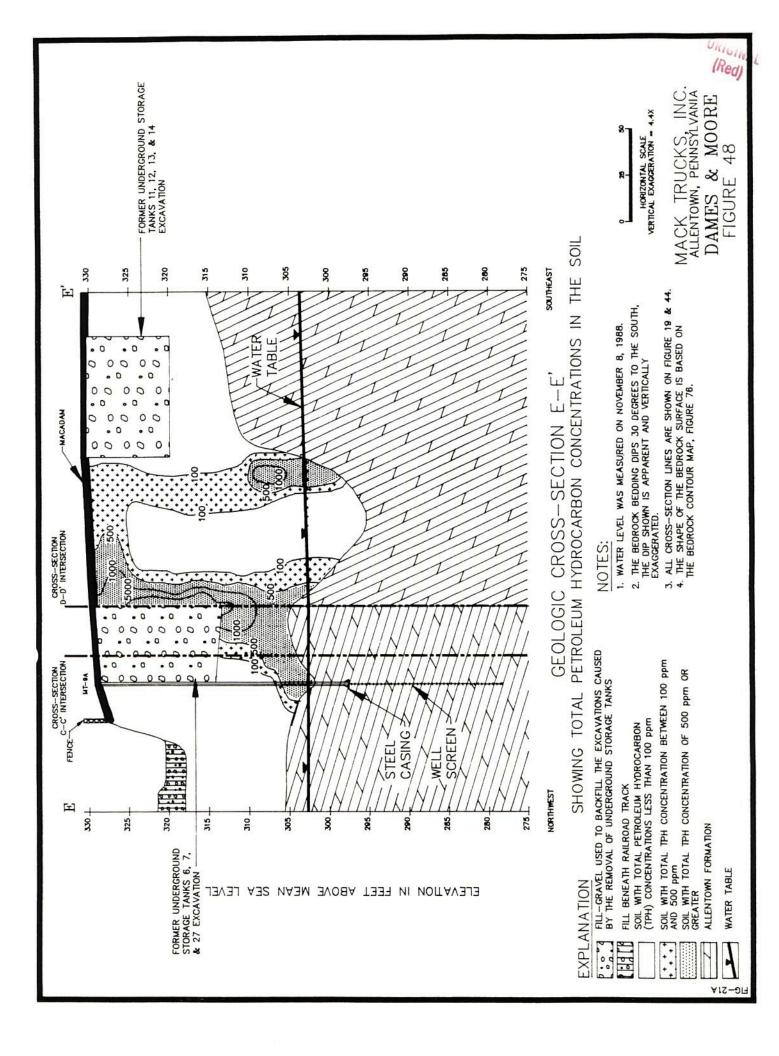


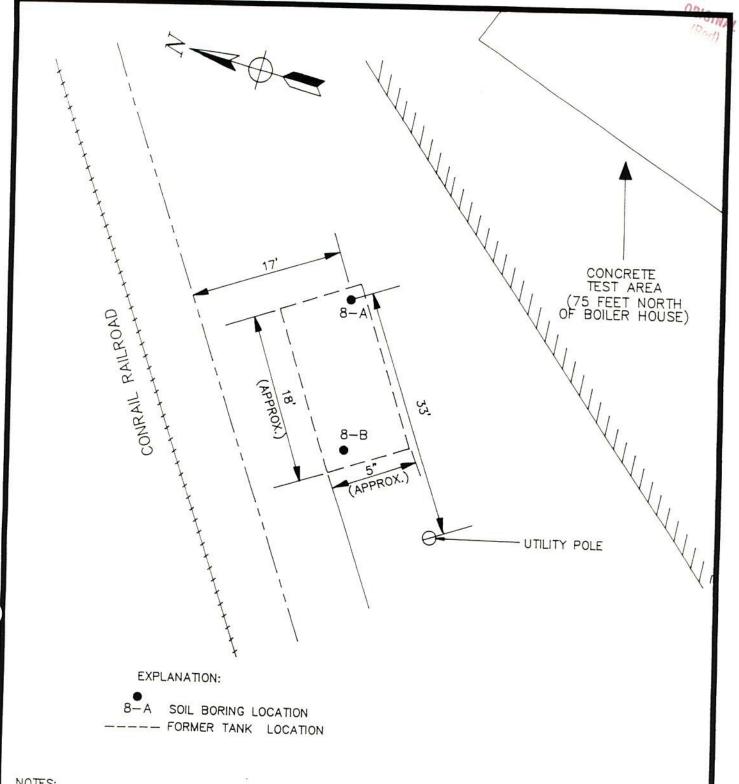










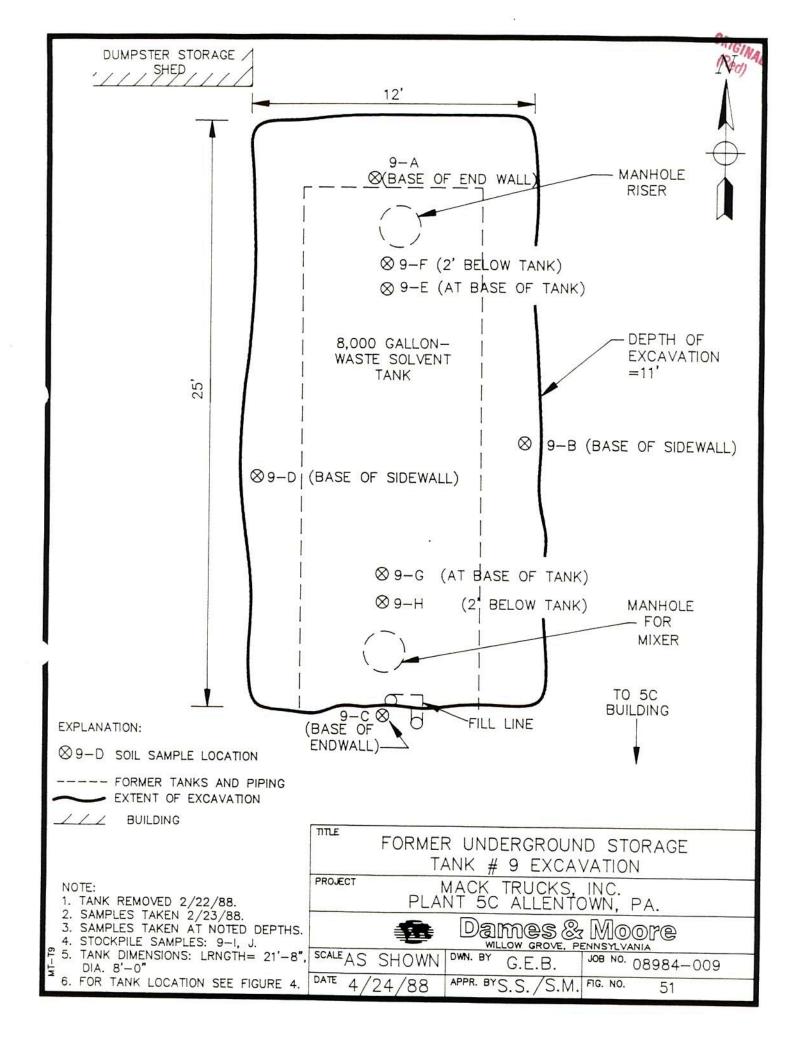


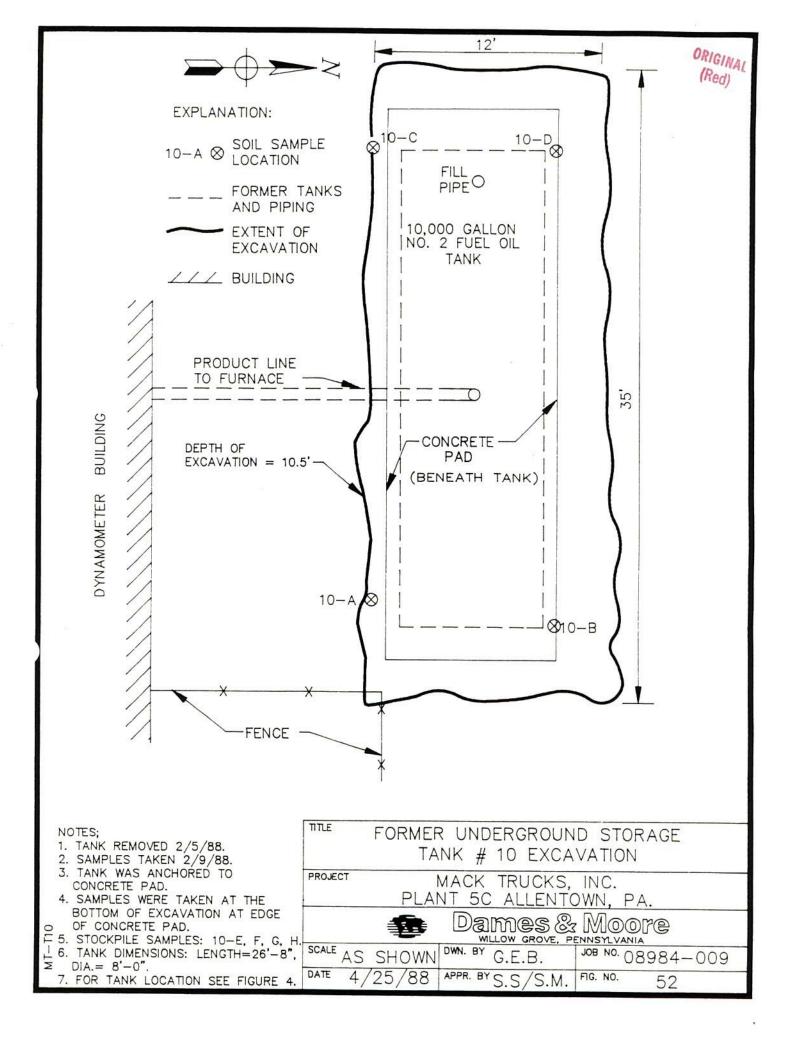
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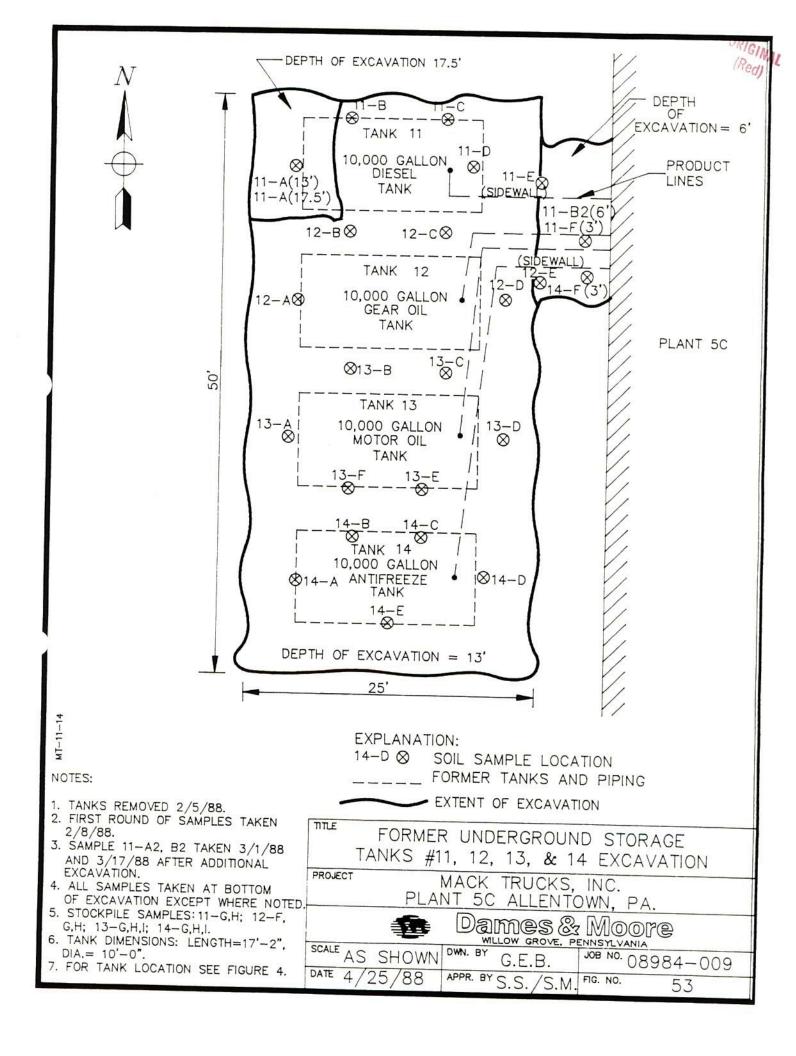
- 1. TANKS REMOVED IN MAY OF 1986 BY MACK.
- 2. SOIL BORINGS WERE PERFORMED APRIL 20, 1988.
- 3. BORING 8-A SAMPLES WERE COLLECTED FROM THE 8 TO 12 FOOT INTERVAL.
- 4. BORING 8-B SAMPLES WERE COLLECTED
 FOOT INTERVAL.

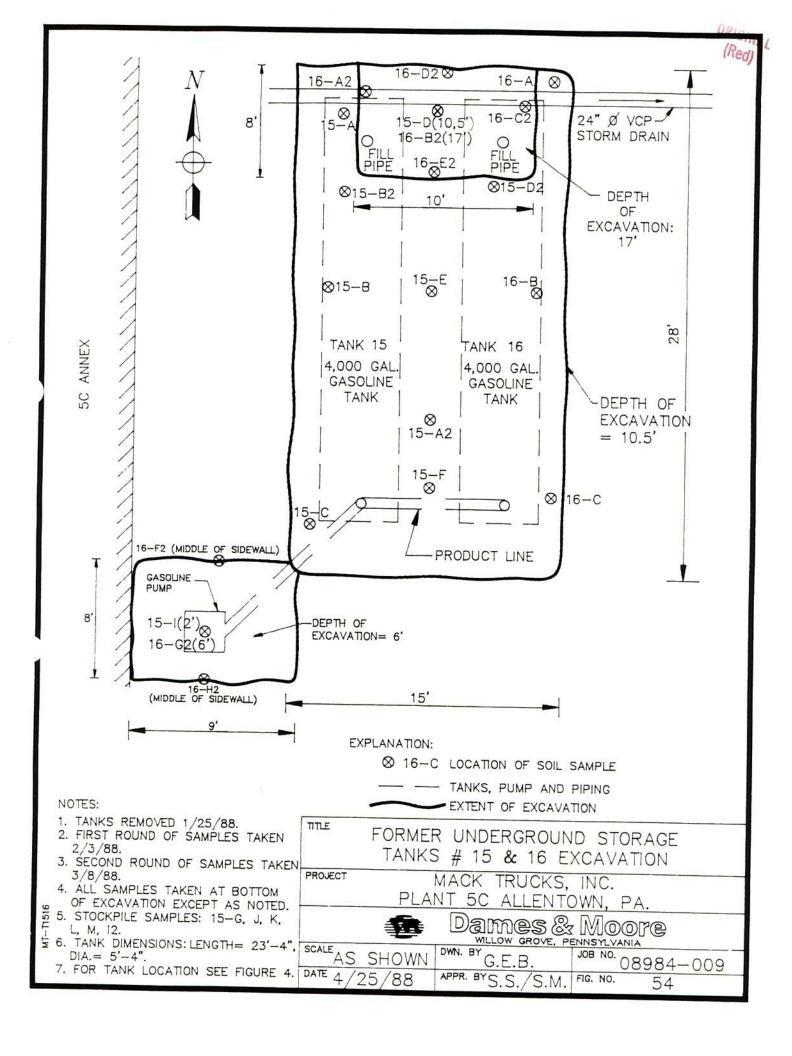
 5. SEE FIGURE 4 FOR TANK COLLECTED FROM THE 5 TO 9

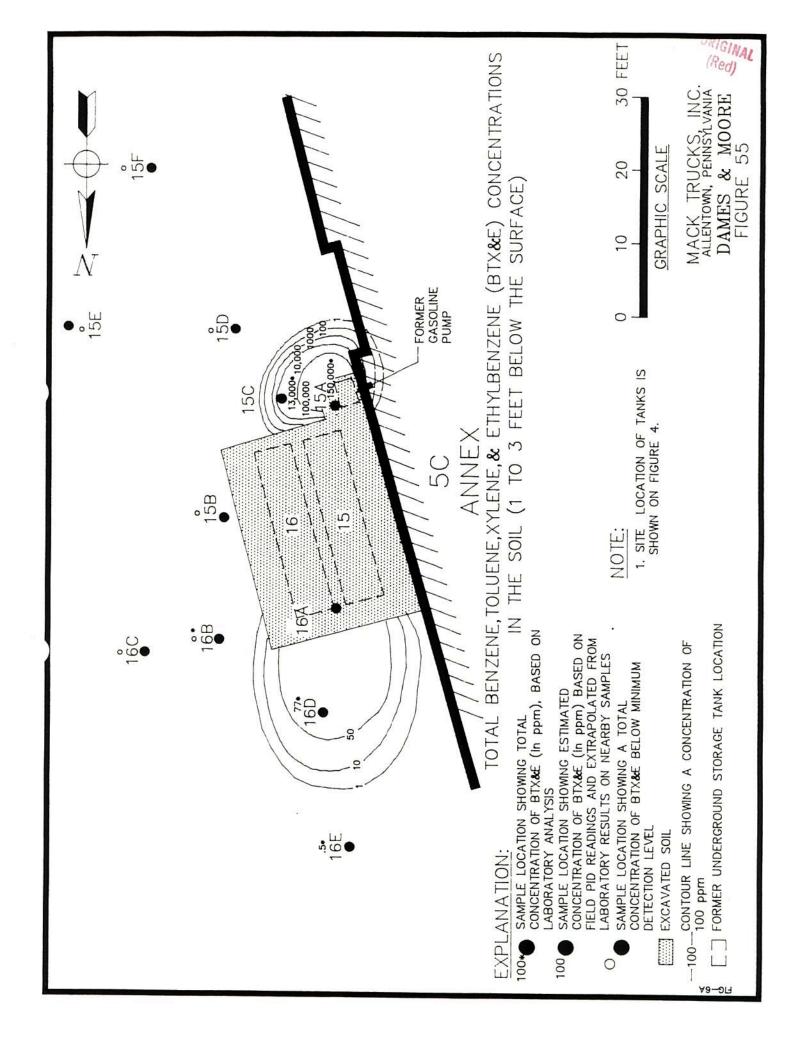
| TITLE | | | | | | | |
|---------|---|-------------------|-------------------|--|--|--|--|
| | FORMER UNDERGROUND STORAGE | | | | | | |
| | TANK # 8 BORING LOCATIONS | | | | | | |
| PROJECT | PROJECT MACK TRUCKS INC | | | | | | |
| | MACK TRUCKS, INC. PLANT 5C ALLENTOWN, PA. | | | | | | |
| | Dames & Moore | | | | | | |
| SCALE | TRE VOSE, PENNSY VANIA | | | | | | |
| AS | SHOWN | DWN. BY G.E.B. | JOB NO. 08984-009 | | | | |
| DATE 4/ | 25/88 | APPR. BY S.S./S.M | FIC NO | | | | |
| | ==, 55 | 0.0./ 0.1 | 50 | | | | |

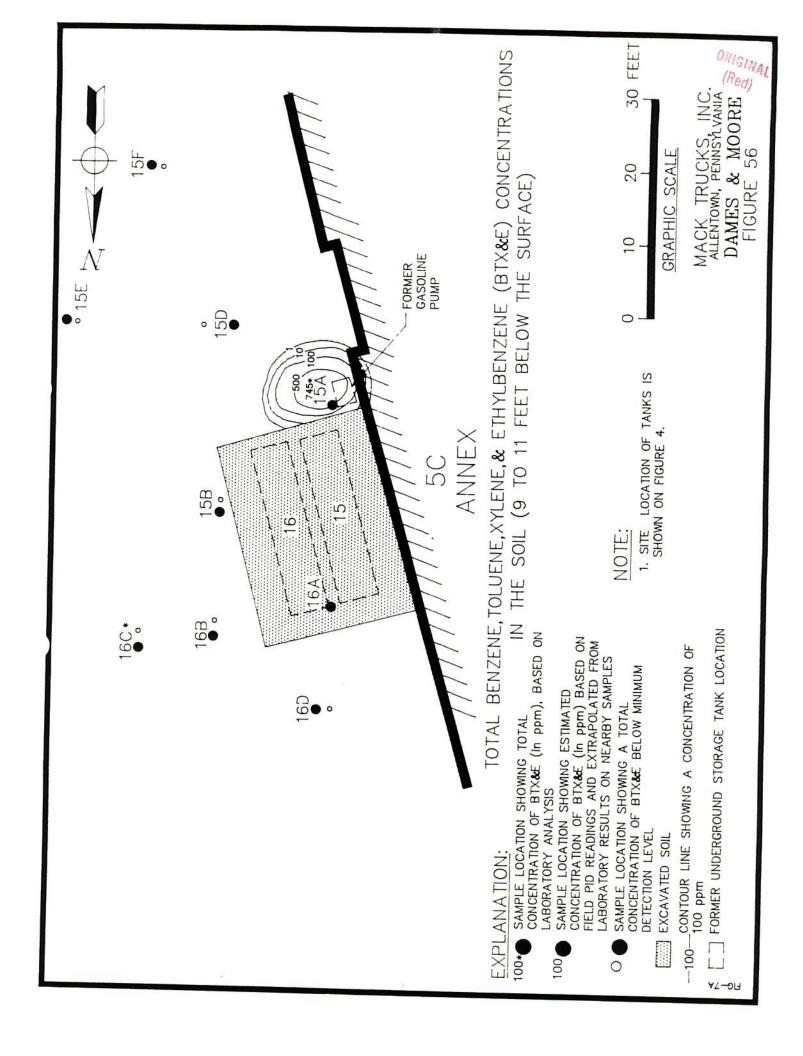


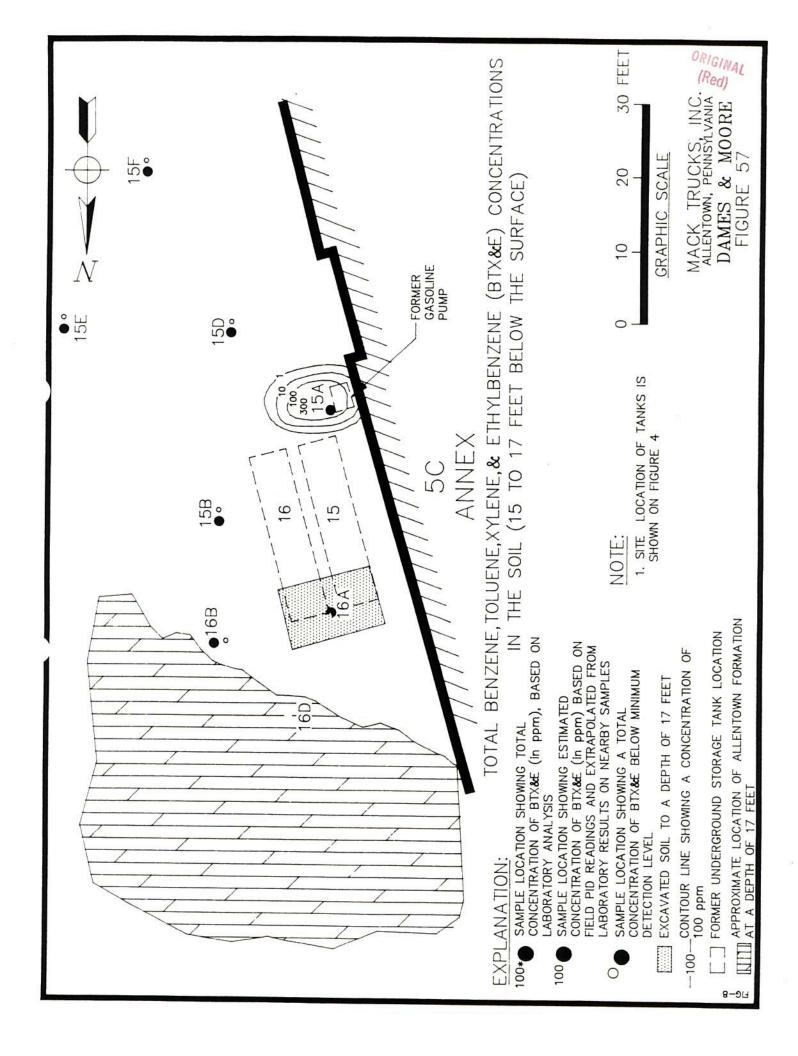


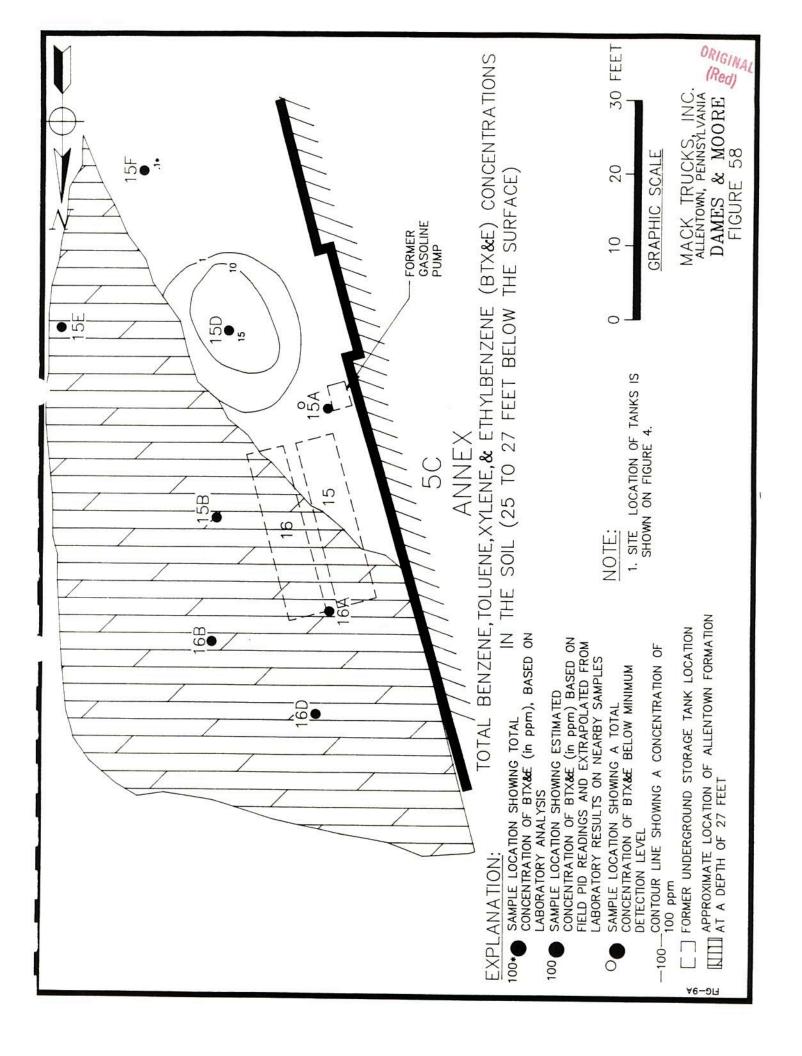


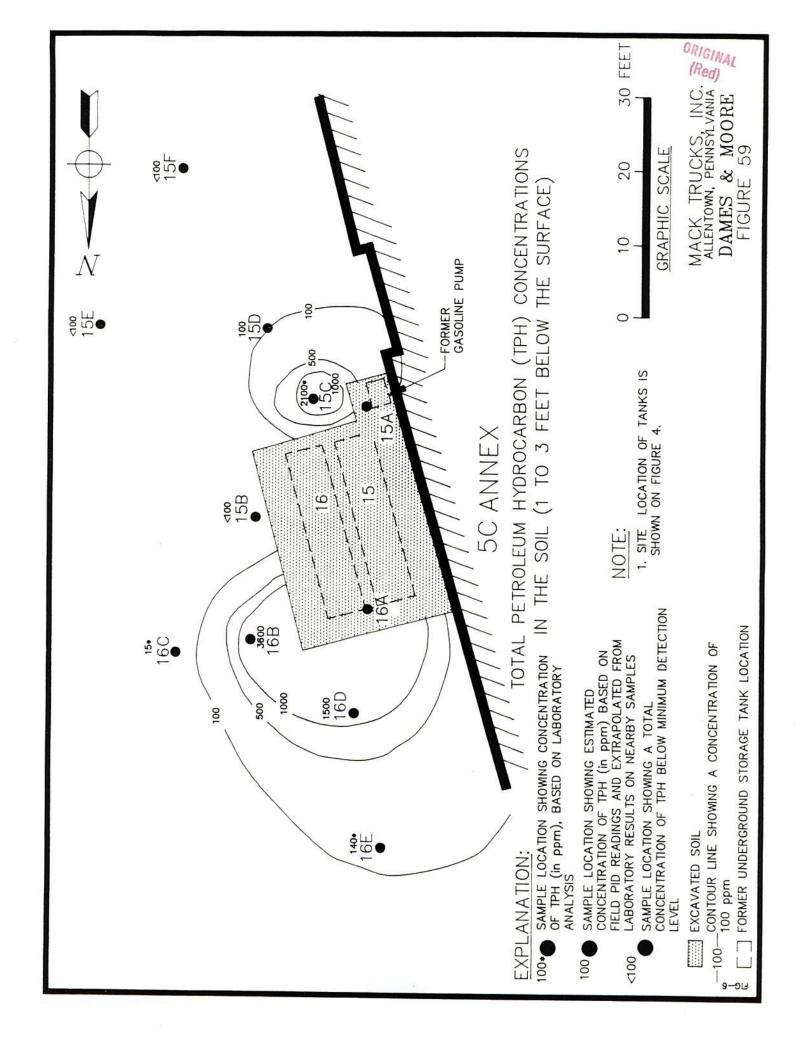


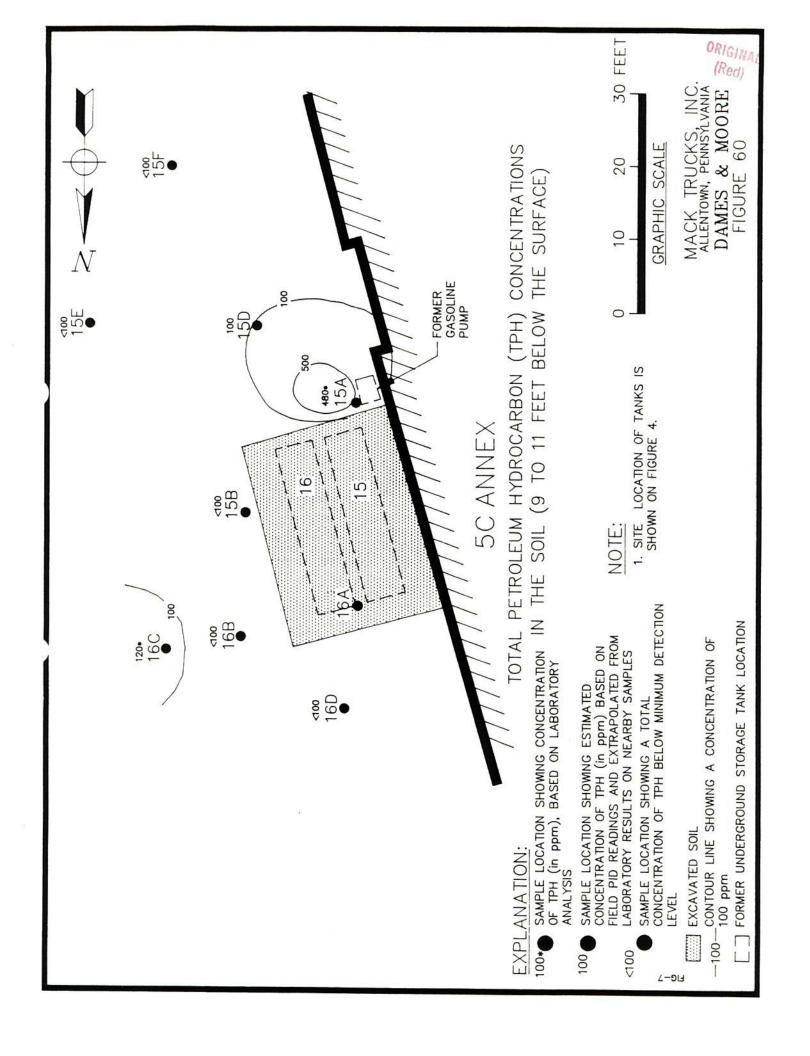


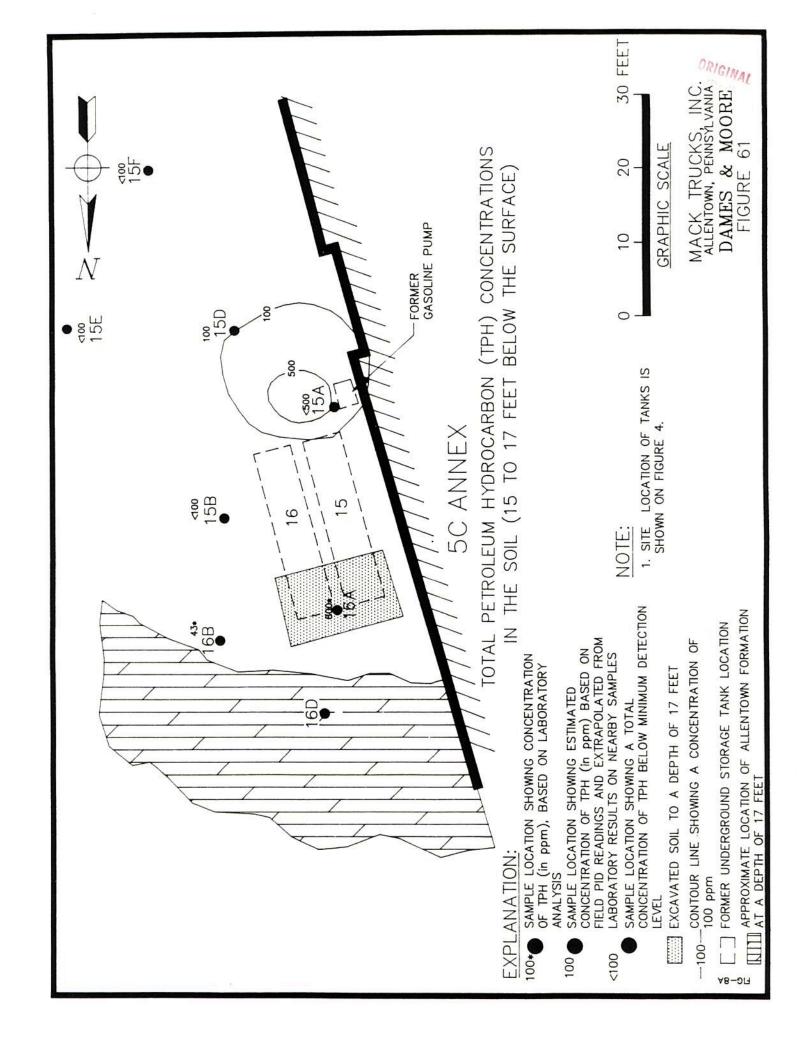


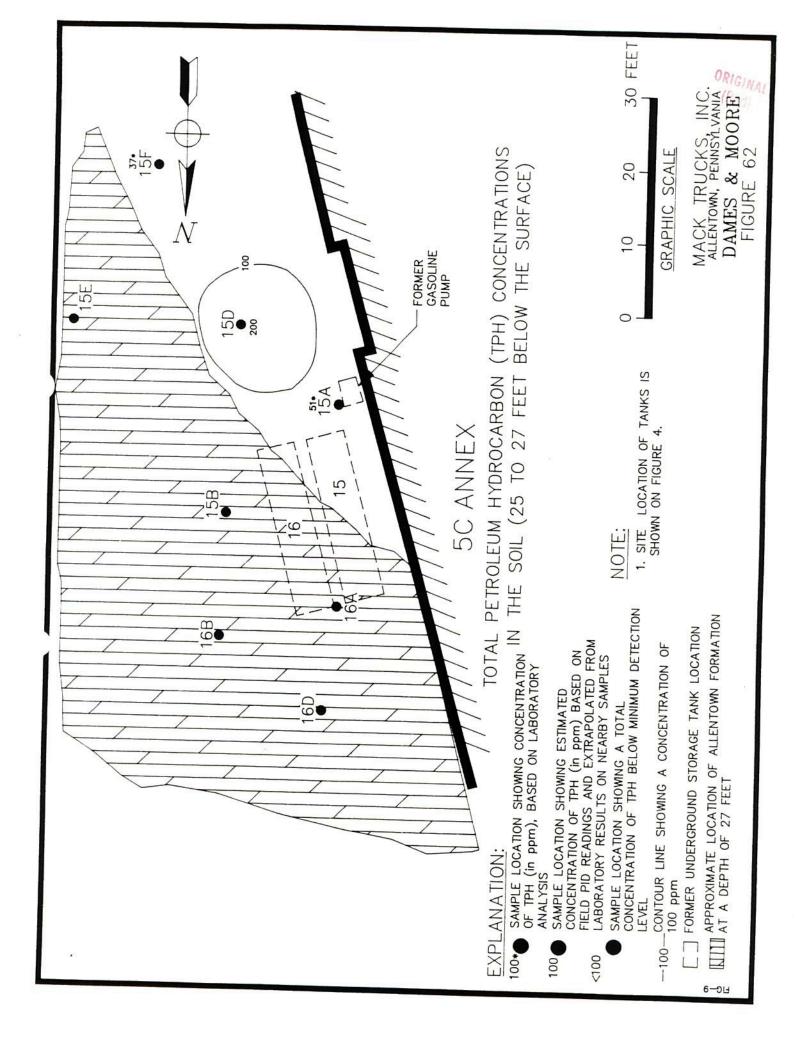


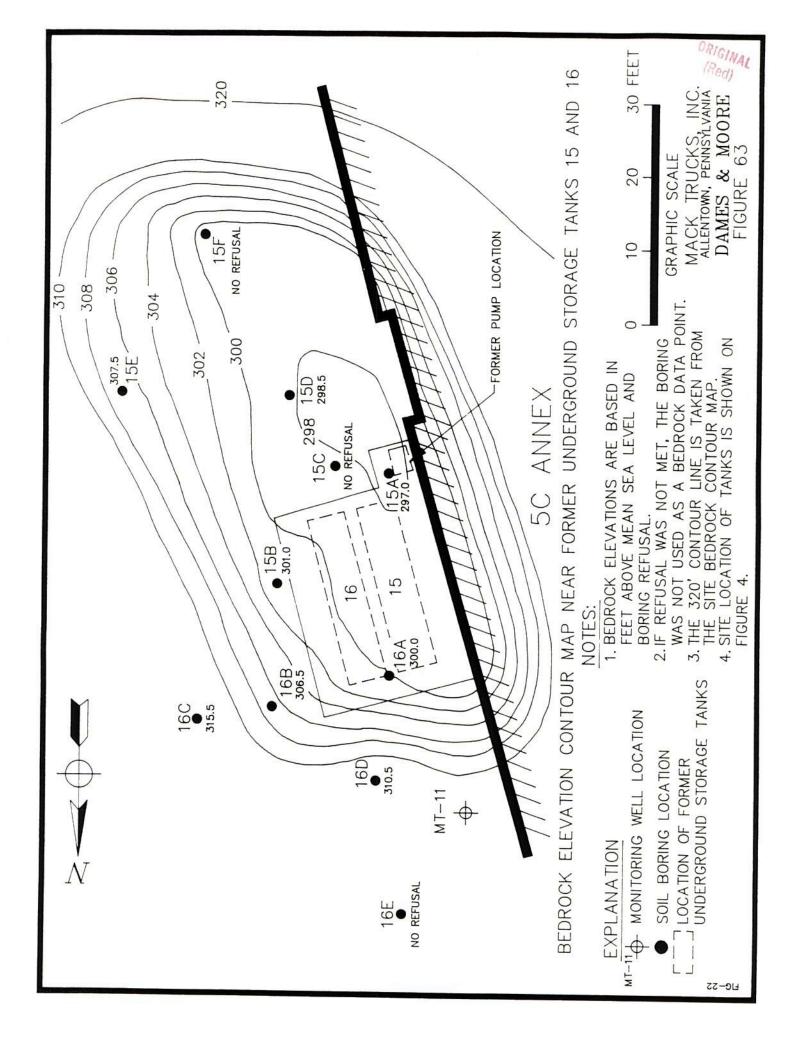


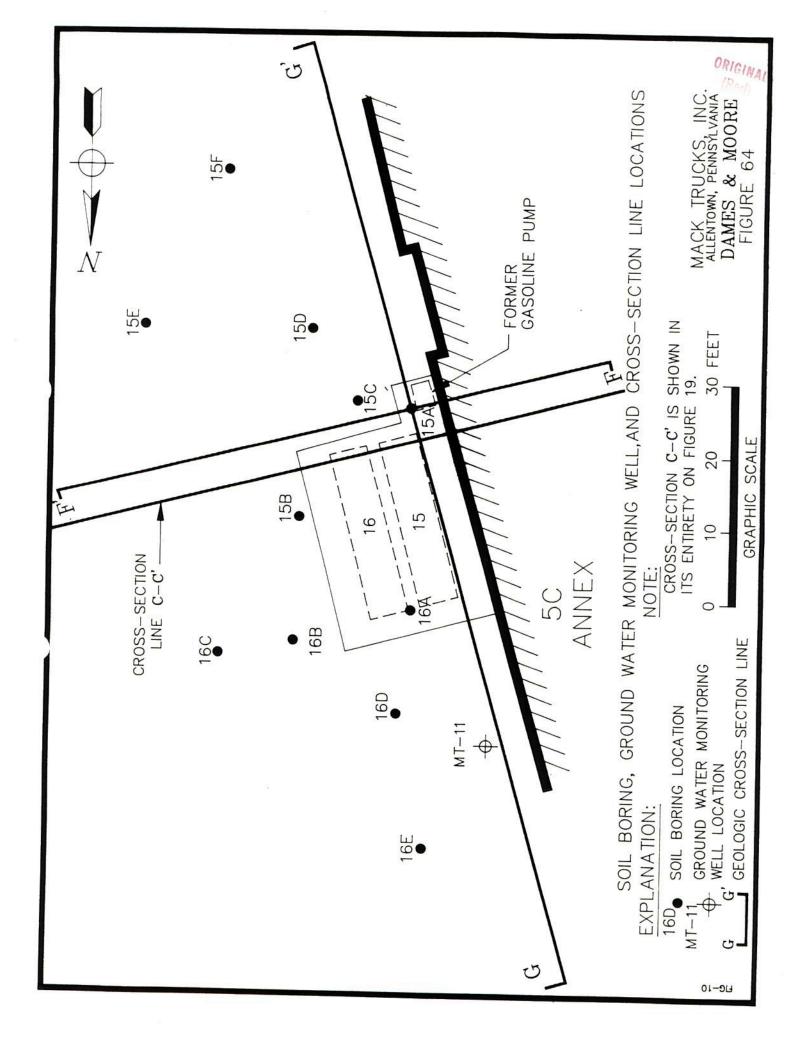


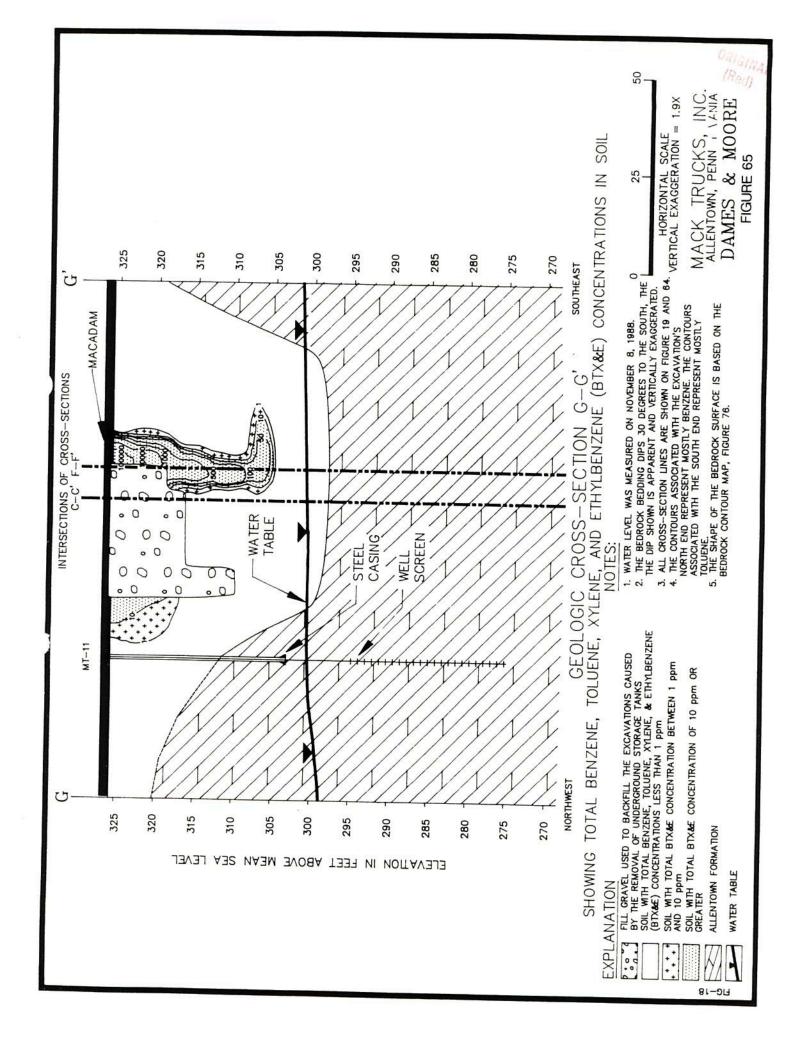


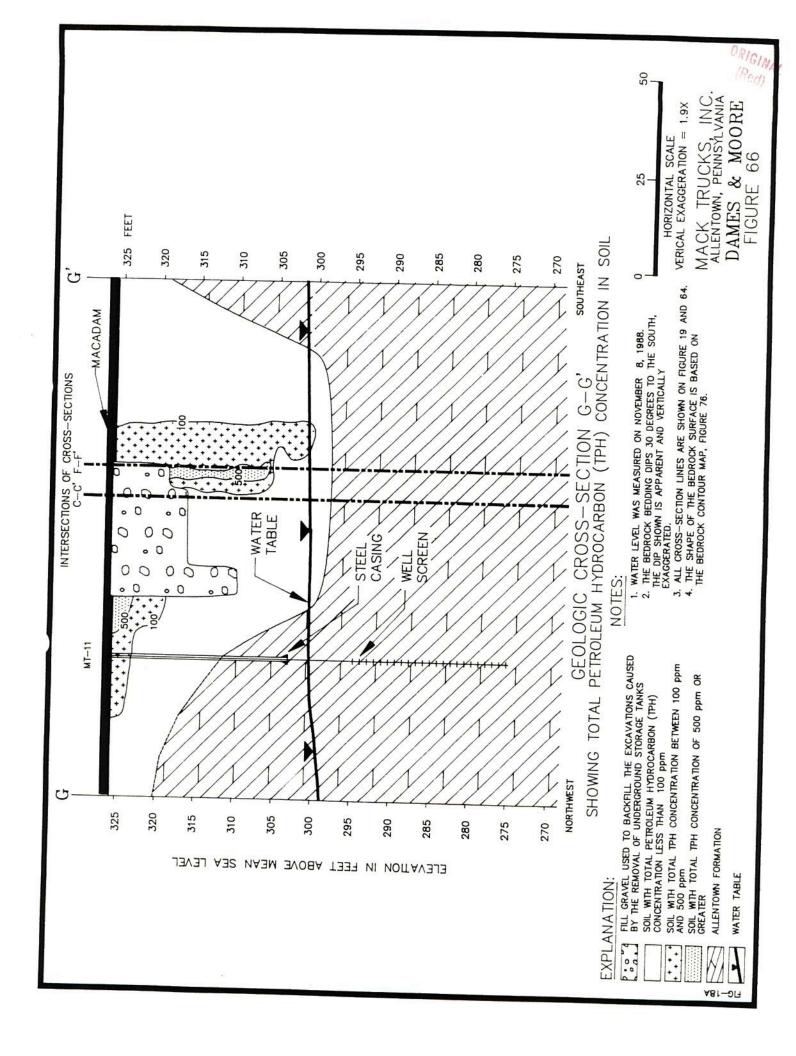


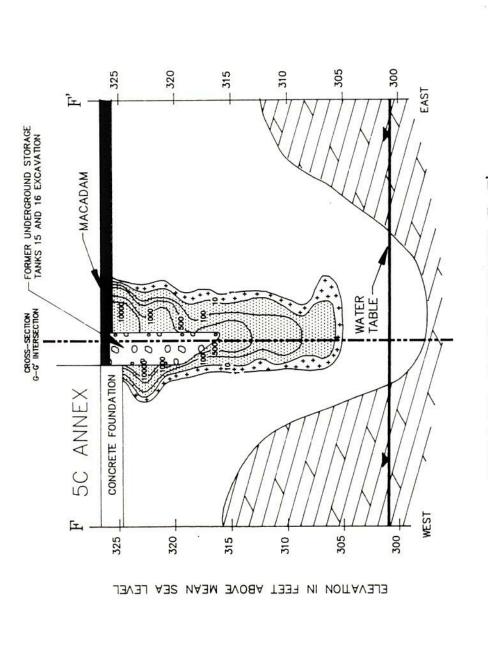












(BTX&E) CONCENTRATION IN SOIL GEOLOGIC CROSS—SECTION SHOWING TOTAL BENZENE, TOLUENE, XYLENE, ETHYLBENZENE

EXPLANATION:

FILL GRAVEL USED TO BACKFILL THE EXCAVATIONS CAUSED BY THE REMOVAL OF UNDERGROUND STORAGE TANKS SOIL WITH TOTAL BENZENE, TOLUENE, XYLENE, & ETHYLBENZENE (BTX&E) CONCENTRATIONS LESS THAN 1 ppm 000

SOIL WITH TOTAL BTX&E CONCENTRATION BETWEEN 1 ppm and 10 ppm

SOIL WITH TOTAL BTX&E CONCENTRATION OF 10 ppm OR GREATER

WATER TABLE

ALLENTOWN FORMATION

NOTES

WATER LEVEL WAS MEASURED ON NOVEMBER 8, 1988.
 THE BEDROCK BEDDING DIPS 30 DEGREES TO THE SOUTH, THE DIP SHOWN IS APPARENT AND VERTICALLY EXAGGERATED.

3. ALL CROSS—SECTION LINES ARE SHOWN ON FIGURE 19 AND 64. 4. THE SHAPE OF THE BEDROCK SURFACE IS BASED ON THE BEDROCK CONTOUR MAP, FIGURE 76.

MACK TRUCKS, INC. ALLENTOWN, PENNSYLVANIAS DAMES & MOORE

HORIZONTAL SCALE VERTICAL EXAGGERATION = 1.6X

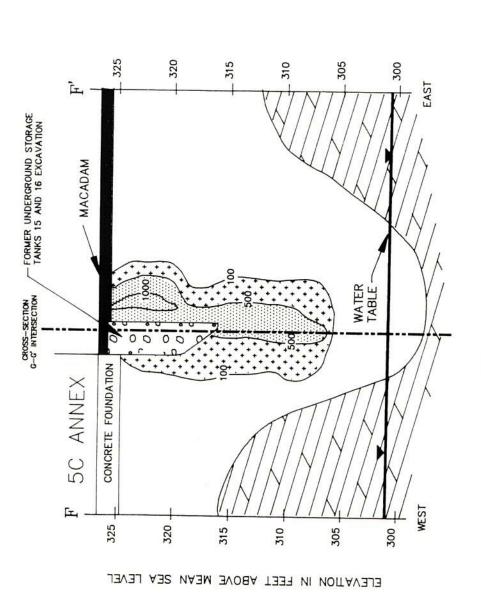
20

5

10

DAMES & MOORE FIGURE 67

61-0H



SHOWING TOTAL PETROLEUM HYDROCARBON (TPH) CONCENTRATIONS IN SOIL GEOLOGIC CROSS-SECTION F-F'

EXPLANATION:

FILL GRAVEL USED TO BACKFILL THE EXCAVATIONS CAUSED BY THE REMOVAL OF UNDERGROUND STORAGE TANKS SOIL WITH TOTAL PETROLEUM HYDROCARBON (TPH) CONCENTRATION LESS THAN 100 ppm 000

SOIL WITH TOTAL TPH CONCENTRATION BETWEEN 100 ppm AND 500 ppm

SOIL WITH TOTAL TPH CONCENTRATION OF 500 ppm OR GREATER

ALLENTOWN FORMATION

WATER TABLE

NOTES

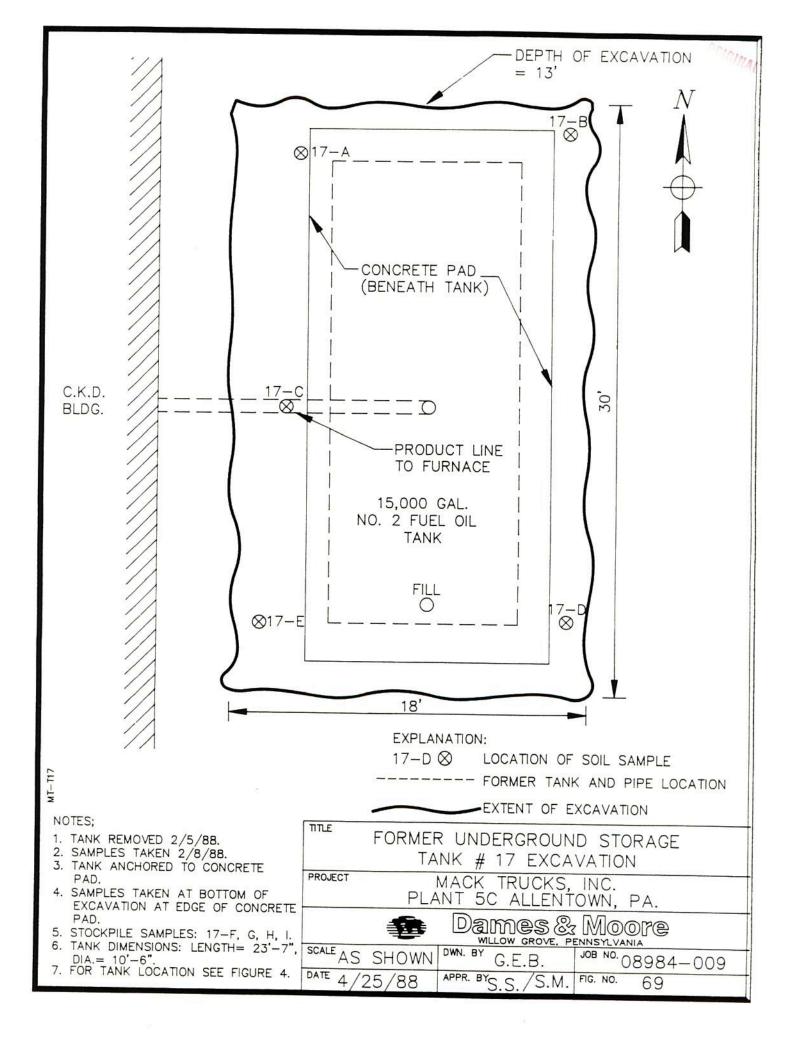
2. THE BEDROCK BEDDING DIPS 30 DEGREES TO THE SOUTH, THE DIP SHOWN IS APPARENT AND VERTICALLY EXAGGERATED. 1. WATER LEVEL WAS MEASURED ON NOVEMBER 8, 1988.

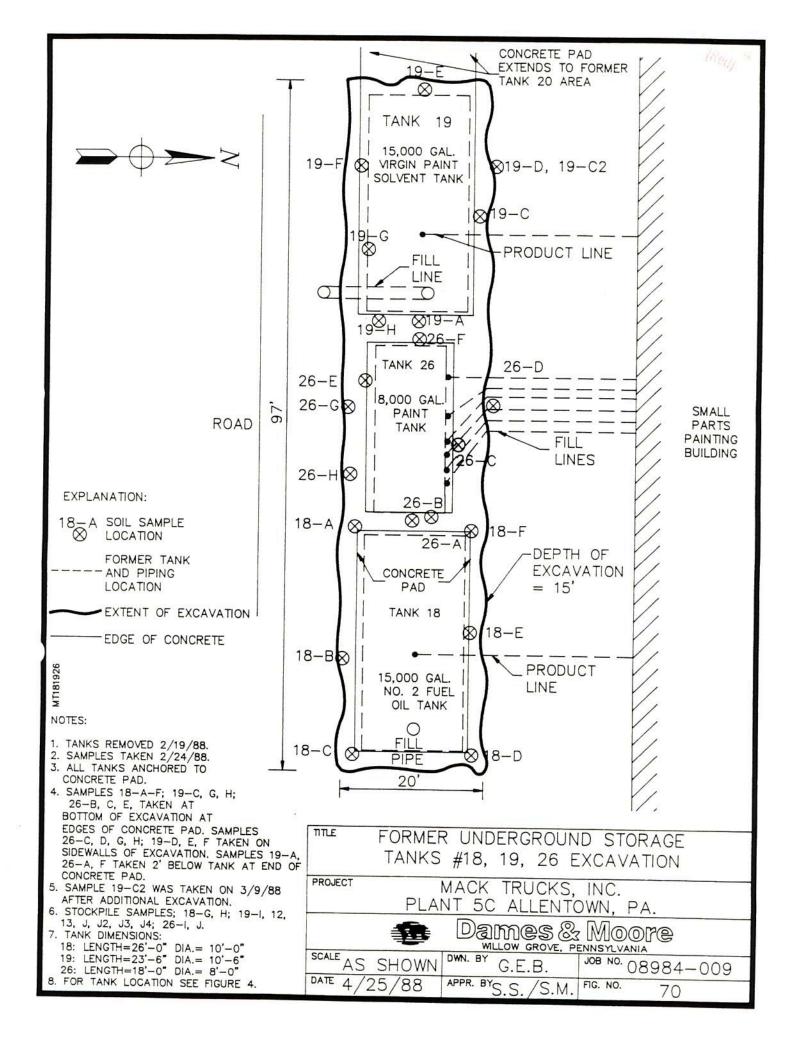
3. ALL CROSS—SECTION LINES ARE SHOWN ON FIGURE 19 AND 64.
4. THE SHAPE OF THE BEDROCK IS BASED ON THE BEDROCK CONTOUR MAP, FIGURE 76.

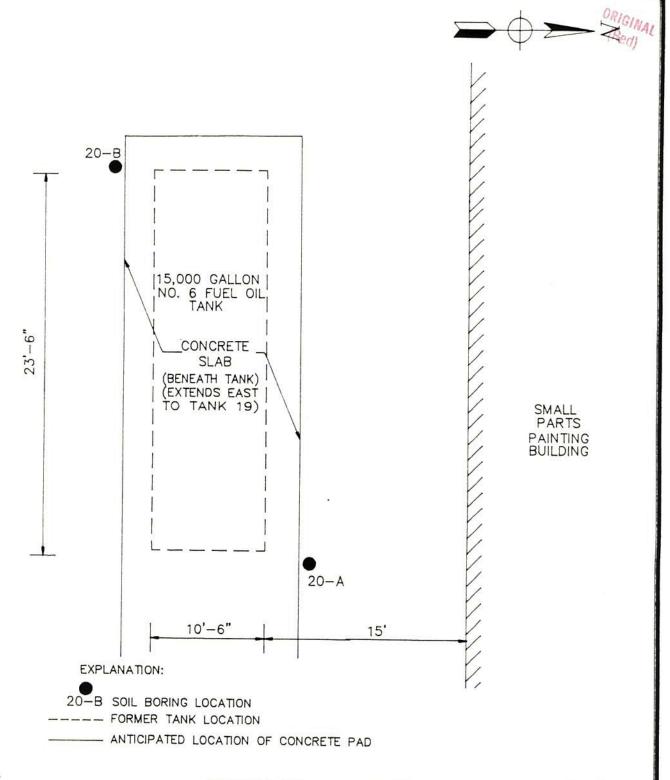
20 VERTICAL EXAGGERATION - 1.6X HORIZONTAL SCALE 15 10

MACK TRUCKS, INC. ALLENTOWN, PENNSYLVANIA DAMES & MOORE FIGURE 68

> 4 461-0H







NOTES:

 TANKS REMOVED IN MAY OF 1986 BY WOLFF PETROLEUM.

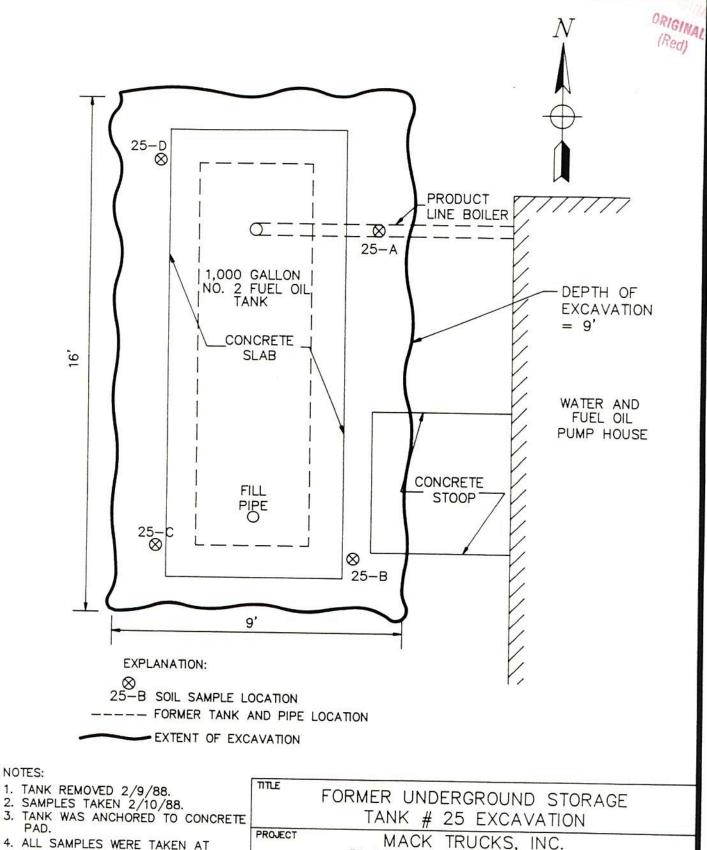
2. SOIL BORINGS WERE PERFORMED APRIL 12, 1988.

3. TANK 20 WAS 3-1/2 FEET WEST OF TANK 19.

4. FOR TANK LOCATION SEE FIGURE 4.

| 1 | TITLE | | | | | | |
|--|-------------------------|--------|----------|-----------|-----------|-------|------|
| | IIILE | FORMER | SUND | ERGROUN | D STOR | RAGE | |
| 1 | | | | | | | |
| | | IA | NK # | 20 EXCA | VALION | | |
| | PROJECT | | MACK | TPLICKS | INIC | | |
| 1 | MACK TRUCKS, INC. | | | | | | |
| 1 | PLANT 5C ALLENTOWN, PA. | | | | | | |
| | | - | | | | | 5 |
| Dames & Moore willow grove, pennsylvania | | | | | | | |
| | | | | | | | |
| | SCALE AS | SHOWN | DWN. BY | G.E.B. | JOB NO. O | 8081 | 000 |
| ŀ | | | | | | 0904- | .009 |
| 1 | UNIE 4/ | 25/88 | APPR. BY | S.S./S.M. | FIG. NO. | 71 | |
| Ė | | | | | | / 1 | |

AT-T20



NOTES:

3. TANK WAS ANCHORED TO CONCRETE PAD.

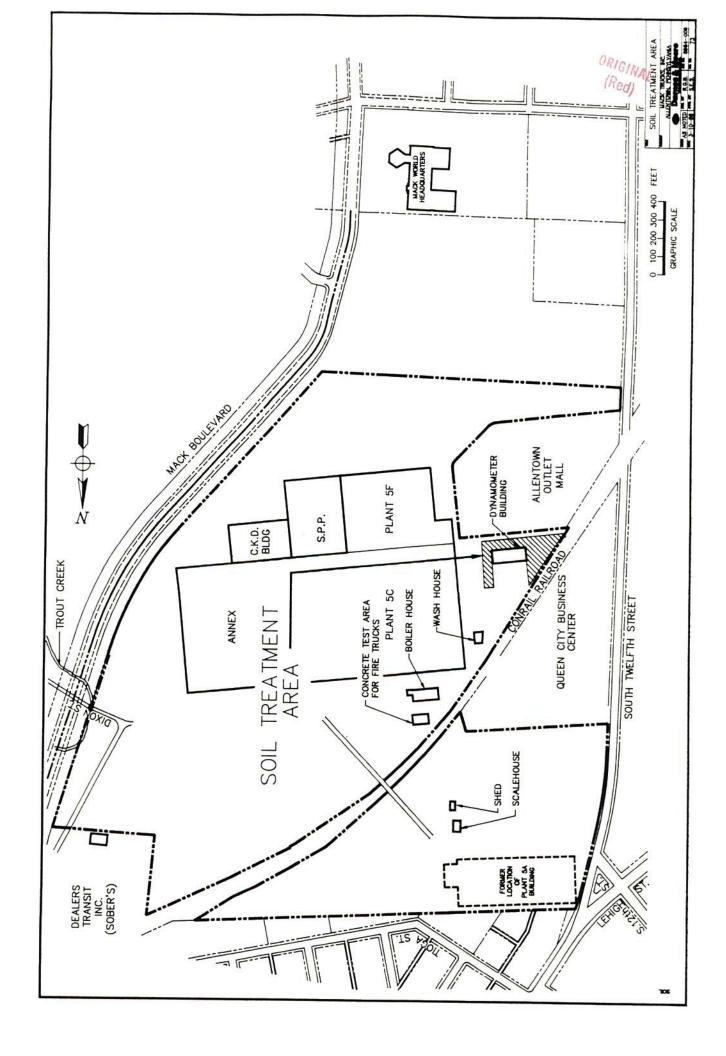
4. ALL SAMPLES WERE TAKEN AT BOTTOM OF EXCAVATION AT THE EDGE OF THE CONCRETE PAD.

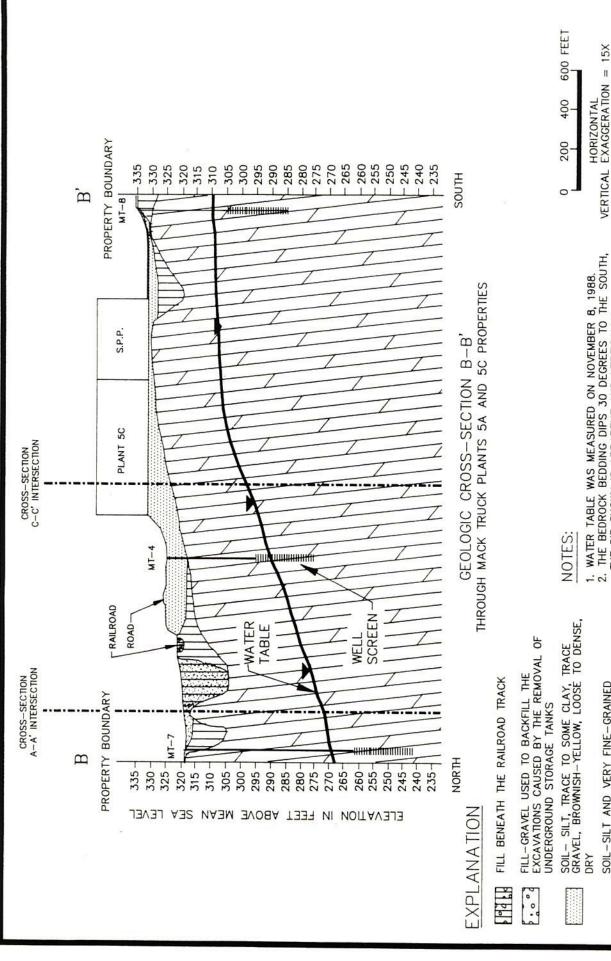
5. STOCKPILE SAMPLES: 25-E,F.

6. TANK DIMENSIONS: LENGTH 11'-0" DIA.=4'-0"

7. FOR TANK LOCATION SEE FIGURE 4.

| TITLE | | | | | | |
|--|---|----------|-----------|----------|--------|------|
| IIICE | FORMER | R UND | ERGROUN | D ST | ORAGE | |
| | TANK # 25 EXCAVATION | | | | | |
| PROJECT | MACK TRUCKS, INC. PLANT 5C ALLENTOWN, PA. | | | | | |
| Dames & Moore willow grove, pennsylvania | | | | | | |
| | SHOWN | DWN. BY | G.E.B. | JOB NO. | 08984- | -009 |
| DATE $4/2$ | 25/88 | APPR. BY | S.S./S.M. | FIG. NO. | 72 | |





SOIL—SILT AND VERY FINE—GRAINED SAND INTERBEDDED WITH TRACE SILTSTONE GRAVEL CLASTS, BROWNISH—YELLOW AND BROWN TO WHITE, MEDIUM TO VERY DENSE

 WATER TABLE WAS MEASURED ON NOVEMBER 8, 1988.
 THE BEDROCK BEDDING DIPS 30 DEGREES TO THE SOUTH, THE DIP SHOWN IS APPARENT AND VERTICALLY EXAGGERATED.

ALL CROSS—SECTION LINES ARE SHOWN ON FIGURE 19. THE SHAPE OF THE BEDROCK SURFACE IS BASED ON THE BEDROCK CONTOUR MAP, FIGURE 76 3

ORIGINAL MACK TRUCKS, INC. ALLENTOWN, PENNSYLVANIA SE DAMES & MOORE 74 FIGURE

> ALLENTOWN FORMATION M

WATER TABLE

